



SB-10043847-4430

File in Section: 08 - Body and Accessories

Bulletin No.: 10-08-42-001D

Date: November, 2014

Service Bulletin

TECHNICAL

Subject: Low Beam Headlamp Bulb Diagnosis/Replacement (Inspect Bulb and Connector)

Models: 2011-2014 Buick Regal
2008-2013 Cadillac CTS
2010-2011 Cadillac CTS Sport Wagon
2010-2013 Cadillac SRX
2014 Cadillac CTS-V (Fog Lamps Only)
2006-2013 Chevrolet Impala
2007-2013 Chevrolet Avalanche, Silverado 1500
2007-2014 Chevrolet Silverado 2500/3500, Suburban, Tahoe
2008-2013 Chevrolet Express
2008-2015 Chevrolet Malibu
2009-2012 Chevrolet Traverse
2010-2015 Chevrolet Equinox
2012-2014 Chevrolet Sonic
2014-2015 Chevrolet Impala (VIN 1)
2007-2012 GMC Acadia
2007-2013 GMC Sierra 1500
2007-2014 GMC Sierra 2500/3500, Yukon Models
2008-2013 GMC Savana
2010-2015 GMC Terrain
2006-2010 Pontiac G6
2007-2010 Saturn AURA, OUTLOOK

Attention: This bulletin DOES NOT apply to vehicles equipped with High Intensity Discharge (HID) lamps.

This bulletin has been revised to update the Models, Correction sections and Parts/Warranty Information. Please discard Corporate Bulletin Number 10-08-42-001C.

Condition

Some customers may comment that the low beam headlamp is inoperative.

Correction

Important: DO NOT replace the entire headlamp assembly for this condition.

Replace the bulb and inspect the connector following the procedure below.

1. Remove the headlamp bulb. Refer to Headlamp Bulb Replacement procedure in SI.
2. Inspect the connector.
 - If the connector is **NOT** discolored or damaged, replace the bulb **only**. For bulb part numbers, see Headlamp Bulb (Low Beam) in Group 02.727 of the appropriate Parts Catalog.



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- If the connector is discolored at the bulb interface, replace the connector (service pigtail listed below) and bulb.
3. Cut the wires of the connector approximately 45 mm (1¾ in) from the connector and splice in the service pigtail connector. Ensure that the splices are not above the connector when re-installing.

EXTERNAL WIRE SPLICES

4. Use Duraseal splice sleeves (salmon, P/N 19300089) for wires spliced external to the lamp. Refer to Splicing Copper Wire Using Splice Sleeves in SI for splicing procedures.
5. Replace the headlamp bulb. Refer to Headlamp Bulb Replacement in SI.
6. Verify that the headlamp is fully functional.

INTERNAL WIRE SPLICES

7. For wires spliced internal to the lamp, use splice clips (P/N 05297428) and heat shrink (P/N 12355010). Other splice sleeves and heat shrink tube may not protect the splice from moisture or contain an adhesive that will cause headlamp gassing.
8. Fold the wire ends in half and overlay the ends of exposed copper wires over each other and crimp the splice clip over the wires using Special Tool J-38125-8, crimp nest F, to complete the repair.

Note: Inspect the crimp quality.

Caution: Keep the heat shrink above the splice when soldering the splice to ensure that the heat shrink is not prematurely shrunk and closed down over the wire or the splice area due to the heat from the soldering iron.

9. Solder the crimp and the splice clip.
10. Center the heat shrink tube over the crimp and use the Ultratorch, part numbers 12085116, J-38125-5A, to shrink and seal the heat shrink tube properly over the splice crimp and the insulated wires.
11. Replace the headlamp bulb. Refer to Headlamp Bulb Replacement procedure in SI.
12. Verify that the headlamp is fully functional.

Parts Information

Usage	Part Number	Description
Malibu, AURA, G6, Full-Size Trucks, Acadia, Traverse, OUTLOOK	22855316	Cable (Connector) Assembly, Headlamp (Service Pigtail)
CTS/SRX	22848987	Bulb Kit
Equinox/Terrain/Impala/Sonic/Regal	20938905	Connector Assembly, Headlamp Wiring Harness
OUTLOOK	20913209	Harness Assembly, Headlamp Wiring
Savana/Express	19301866	Connector Kit, Wiring Harness

Usage	Part Number	Description
External Spliced Wires	19300089	Duraseal Splice Sleeves (Salmon)
Internal Spliced Wires	05297428	Splice Clips
	12355010	Heat Shrink Tube

Warranty Information

For vehicles repaired under warranty, use:

Model	Labor Operation	Description	Labor Time
Regal	2680218*	Wiring Harness, Headlamp – Replace (One Side)	0.4 hr
	Add	To Replace Other Side	0.4 hr
CTS	2680218*	Wiring Harness, Headlamp – Replace (One Side)	1.5 hrs
	Add	To Replace Other Side	0.4 hr
SRX	2680218*	Wiring Harness, Headlamp – Replace (One Side)	0.5 hr
	Add	To Replace Other Side	0.4 hr
Malibu/AURA	2680218*	Wiring Harness, Headlamp – Replace (One Side)	0.8 hr
	Add	To Replace Other Side	0.8 hr
G6	2680218*	Wiring Harness, Headlamp – Replace (One Side)	0.5 hr
	Add	To Replace Other Side	0.5 hr
C/K Pickup	2680218*	Wiring Harness, Headlamp – Replace (One Side)	0.5 hr
	Add	To Replace Other Side	0.4 hr
C/K Utility (Chev/GMC)	2680218*	Wiring Harness, Headlamp – Replace (One Side)	0.8 hr
	Add	To Replace Other Side	0.8 hr
C/K Utility (Cadillac)	2680218*	Wiring Harness, Headlamp – Replace (One Side)	1.0 hr
	Add	To Replace Other Side	1.0 hr
Acadia/Traverse/OUTLOOK	2680218*	Wiring Harness, Headlamp – Replace (One Side)	0.8 hr
	Add	To Replace Other Side	0.6 hr
Equinox/Terrain/Impala	2680218*	Wiring Harness, Headlamp – Replace (One Side)	0.5 hr
	Add	To Replace Other Side	0.5 hr
Sonic	2680218*	Wiring Harness, Headlamp – Replace (One Side)	0.4 hr
	Add	To Replace Other Side	0.4 hr

*This is a unique Labor Operation for Bulletin use only. It will not be published in the Labor Time Guide.

Note: If only bulbs are replaced, use labor operation 2043350.